

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-15 (Canceled).

Claim 16 (New): A cutting device of a rotary cutting machine, said cutting device comprising:

a gearbox having an upper part, a lower part, and a front piece, said front piece having a thickness greater than a thickness of said upper part,
at least one guide bearing connected to said gearbox by assembly elements; and
at least one cutting member connected to said gearbox by said guide bearing, said cutting member being driven in rotation during work about an upwardly directed axis; and
wherein at least one of said assembly elements configured to connect said guide bearing to said gearbox is anchored in said front piece of increased thickness.

Claim 17 (New): A cutting device as claimed in claim 16, wherein said upper part and said lower part have substantially a same thickness.

Claim 18 (New): A cutting device as claimed in claim 16, wherein said upper part and said lower part are joined together at the front of said gearbox by said front piece.

Claim 19 (New): A cutting device as claimed in claim 16, wherein said upper part and said lower part are joined together directly at a rear of said gearbox.

Claim 20 (New): A cutting device as claimed in claim 17, wherein said upper part and said lower part are made of a same metal sheet.

Claim 21 (New): A cutting device as claimed in claim 18, wherein said upper part, said lower part, and said front piece are connected together by welding to create a sealed gearbox.

Claim 22 (New): A cutting device as claimed in claim 16, wherein said gearbox encloses transmission elements configured to drive said cutting member in rotation about said axis.

Claim 23 (New): A cutting device as claimed in claim 16, wherein said guide bearing is removably connected to said gearbox.

Claim 24 (New): A cutting device as claimed in claim 23, wherein said guide bearing is arranged above said gearbox.

Claim 25 (New): A cutting device as claimed in claim 16, wherein said assembly element anchored in said front piece comprises a pin comprising a first threaded part and a second threaded part.

Claim 26 (New): A cutting device as claimed in claim 25, wherein said first threaded part is configured to be screwed into a tapping made in said front piece.

Claim 27 (New): A cutting device as claimed in claim 26, wherein said first threaded part passes through a hole made in said upper part of said gearbox.

Claim 28 (New): A cutting device as claimed in claim 25, wherein said pin comprises a collar arranged between said first threaded part and said second threaded part, and said pin additionally comprises a shoulder arranged between said collar and said first threaded part.

Claim 29 (New): A cutting device as claimed in claim 28, further comprising an O-ring, said O-ring being slightly flattened during mounting between said collar, said front piece, said shoulder, and said upper part.

Claim 30 (New): An agricultural mower, which comprises a cutting device as claimed in claim 16.